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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 13425-115001 | Application No. |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Abram Katz et al. | |
| | | Filing Date June 25, 2003 | Group Art Unit |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|----------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| APW | AA | WO 98/08979 | 5 March 1998 | WIPO | | | | |
| APW | AB | WO 00/40614 | 13 July 2000 | WIPO | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
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| Examiner Initial | Desig. ID | Document |
| APW | AC | Brozinik et al., "1-[N,O-Bis-(5-isoquinolinesulphonyl)-N-methyl-L-Tyrosyl]-4-phenylpiperazine (KN-62), an Inhibitor of Calcium-Dependent Camodulin Protein Kinase II, Inhibits Both Insulin- and Hypoxia-Stimulated Glucose Transport in Skeletal Muscle" <i>Biochemical Journal</i> 339: Part 3; 533-540 (1999) |
| APW | AD | Bruton et al., "Insulin Increases Near-Membrane but not Global Ca^{2+} in Isolated Skeletal Muscle" <i>Proc. Natl. Acad. Sci. USA</i> 96: 3281-3286 (1999) |
| APW | AE | Bruton et al., "The role of Ca^{2+} and Calmodulin in Insulin Signalling in Mammalian Skeletal Muscle" <i>Acta Physiol. Scand.</i> 171: 259-265 (2001) |
| APW | AF | Cheung et al., "Cytosolic Free Calcium Concentration and Glucose Transport in Isolated Cardiac Myocytes" <i>The American Physiological Society</i> 252: 163-172 (1987) |
| APW | AG | Clausen, "The Role of Calcium in the Activation of the Glucose Transport System" <i>Cell Calcium</i> 1: 311-325 (1980) |
| APW | AH | Draznin et al., "The Existence of an Optimal Range of Cytosolic Free Calcium for Insulin-Stimulated Glucose Transport in Rat Adipocytes" <i>The Journal of Biological Chemistry</i> 262: 14385-14388 (1987) |
| APW | AI | Kelly et al., "Cytosolic Free Calcium in Adipocytes" <i>The Journal of Biological Chemistry</i> 264: 12754-12757 (1989) |
| APW | AJ | Klip et al., "Cytoplasmic Ca^{2+} During Differentiation of 3T3-L1 Adipocytes" <i>The Journal of Biological Chemistry</i> 262: 9141-9146 (1987) |
| APW | AK | Kurebayashi et al., "Depletion of Ca^{2+} in the Sarcoplasmic Reticulum Stimulates Ca^{2+} Entry into Mouse Skeletal Muscle Fibres" <i>Journal of Physiology</i> 533: 185-199 (2001) |
| APW | AL | Lee et al., "Effects of Ca^{2+} Ionophore Ionomycin on Insulin-Stimulated and Basal Glucose Transport in Muscle" <i>The American Physiological Society</i> 268: R997-R1002 (1995) |
| APW | AM | Putney et al., "Mechanisms of Capacitative Calcium Entry" <i>Journal of Cell Science</i> 114: 2223-2229 (2001) |
| APW | AN | Ryder et al., "Intracellular Mechanisms Underlying Increases in Glucose Uptake in Response to Insulin or Exercise in Skeletal Muscle" <i>Acta Physiol. Scand.</i> 171: 249-257 (2001) |
| APW | AO | Shashkin et al., "Effects of CGS 9343B (a Putative Calmodulin Antagonist) on Isolated Skeletal Muscle" <i>The Journal of Biological Chemistry</i> 270: 25613-25618 (1995) |
| APW | AP | Whitehead et al., "The Role of Ca^{2+} in Insulin-Stimulated Glucose Transport in 3T3-L1 Cells" <i>The Journal of Biological Chemistry</i> 276: 27816-27824 (2001) |

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| Examiner Signature <i>Umanda P Wood</i> | Date Considered <i>12/2005</i> |
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| Other Documents (include Author, Title, Date, and Place of Publication) | | |
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| APW | AQ | Youn et al., "Interactions Between Effects of W-7, Insulin, and Hypoxia on Glucose Transport in Skeletal Muscle" <i>The American Journal of Physiology</i> 267: R888-R894 (1994) |

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